INSTALLATION GUIDE
FOR
AMC-BANKING
FOR
DYNAMICS AX 2009

English edition

AMC Consult A/S
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Version V7

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1 INTRODUCTION

Thank you for choosing AMC Banking. We hope you enjoy using the module and its facilities.

1.1 SYSTEM REQUIREMENTS

To be able to run AMC Banking, you need Axapta 3.0 or later, RUN-TIME BUS installer or the MorphX development pack and X++ source text. However, this guide refers only to the installation of AMC Banking in Dynamics AX version 2009.

Some Dynamics AX service packs do not satisfactorily support the import of external modules, and it will not be possible to install AMC Banking on these. Service packs are tested by AMC as they are released by Microsoft, and the results of these tests will be published on the AMC website. Therefore, make sure that AMC Banking supports the service pack you are using.

1.2 CRITICISM APPRECIATED

If AMC Banking fails to live up to your expectations, you are always welcome to contact your reseller and tell why. We will then work in consultation with the reseller to help you get the most out of AMC Banking.

We will appreciate any criticism of AMC Banking, as such criticism provides us with an ideal basis for our efforts to optimise the facilities and user-friendliness of the AMC Banking module.

1.3 FURTHER INFORMATION

You can also visit our website at:

www.amcbanking.com

where you will find further information on AMC-Consult A/S and our products.

As this manual will be updated regularly, it will also be possible to download it from our website. Ask your reseller.

2 INSTALLING AMC BANKING

2.1 WHAT SHOULD YOU USE FOR INSTALLATION?

You have to use the following elements:

1. The latest basic version of AMC Banking.
2. The latest patch from the AMC website, if this is later than the above.
3. The latest set of bank rules from the AMC website.
4. The latest set of language files from the AMC website.

2.2 COPY LABEL FILES

Before starting Dynamics AX, you have to copy the supplied label files to the application folder on the server. When you download the label files, you will receive a zip file which contains files for the languages supported by AMC Banking.

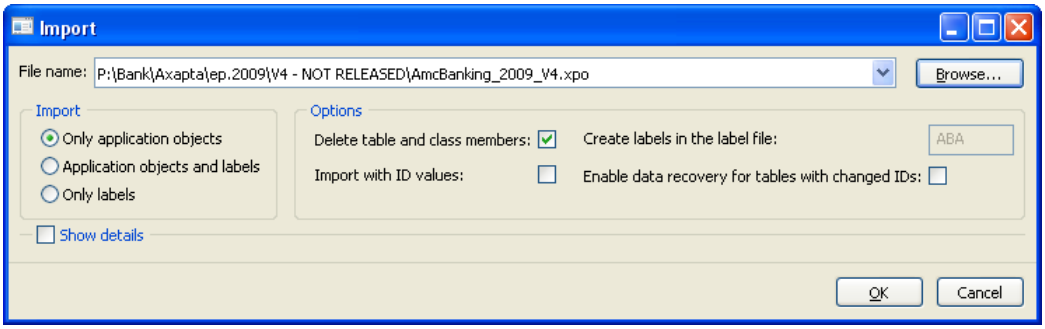
Unzip the files, then copy them directly to your Dynamics AX application library, e.g. X:\Dynamics AX\appl\standard. You should copy only the languages that are relevant to your Dynamics AX installation. The language is obvious from the filename. For instance, the Danish label file is named axABADa.ald.

2.3 IMPORT MODULE

Start Dynamics AX in the development layer where you want to install AMC Banking.

The file AMC_Banking_2009_V7.xpo which you have received from AMC-Consult should be imported now. This is done via AOT (CTRL + D).

The import function can be found under Command/Import or by selecting the icon on the far right of the AOT toolbar. Find the file using the Browse button, then select Open. Select the boxes as shown below, then click OK. Run the import at least twice to prevent compile errors later.



When installation is complete, you will probably see a number of compile errors. Proceed to the next section to resolve these.

2.4 CREATING MAPS

AMC Banking uses standard maps in the Dynamics AX application, but these are not supplied with the AMC Banking module as there would be a risk of any changes to the existing maps being overwritten by the installation process.

Instead, AMC-Consult has developed a script which makes the necessary changes in the application. You have to start this operation before you will be able to compile AMC Banking without errors.

Go to AOT (CTRL + D) and find the class AMCBankMapNeededCreate. Run this class by right-clicking and selecting Open.

The operation is terminated with a confirmation that three new mappings have been added.

2.5 INSTALL THE LATEST PATCH

If there is a patch for AMC Banking, this has to be installed now. You can find patches at www.amcbanking.com.

Patches are imported in exactly the same way as when installing the basic module (see section 2.2).

2.6 COMPILE AMC BANKING

When installing both the basic module and any patches, you may find compile errors are generated which have to be rectified.

When importing the basic module, a project is created which you can find under Projects / Shared. Compile the project a couple of times and check that the compile has been executed without errors.

2.7 ACCESS RIGHTS TO THE MODULE

To access the module, you now have to give the relevant user groups access to AMC Banking's security keys.

It may be a good idea to create a user group especially for the AMC module. This can be done here: Administration / Setup / User groups

Now select Administration / Setup / Security / User group permissions.

Select the group, and domain Id, you want to add permissions to, then click on the Permissions tab. Select the security key called AMC Banking. Click on Full control on the right of the screen.

You can also choose only to allocate partial rights to the user group in question. AMC Banking is divided into a number of sublevels, which you can see by extending your security key.

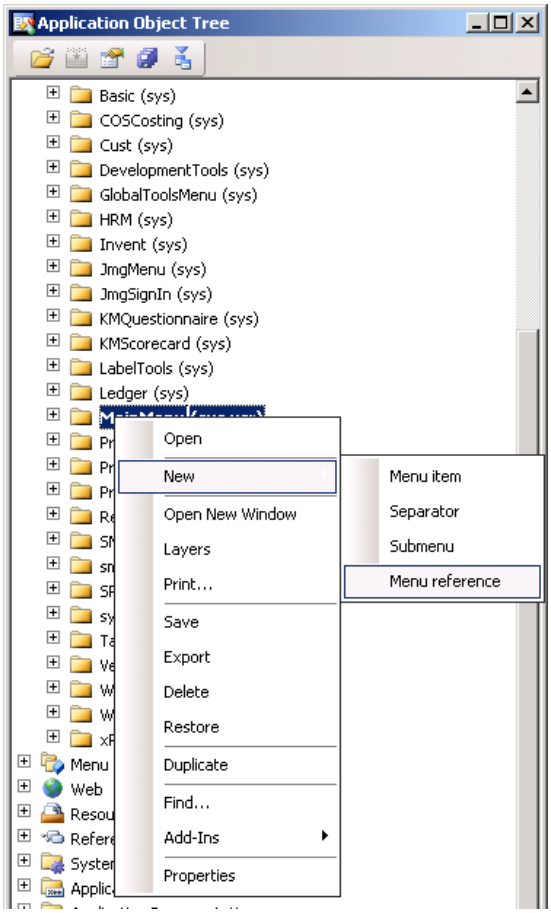
2.8 CREATE A MENU ITEM

It is necessary to create the AMC Banking menu tab manually in the main menu, as automatic installation of this, risks overwriting any existing adjustments to the menu.

Be aware that the existing main menu may be adjusted in a higher development layer than the one you are currently in. If this is the case, you have to switch to this layer before creating AMC Banking in the menu.

The menu is added by opening AOT.

Select Menus, then right-click on MainMenu. Select New followed by Menu reference.

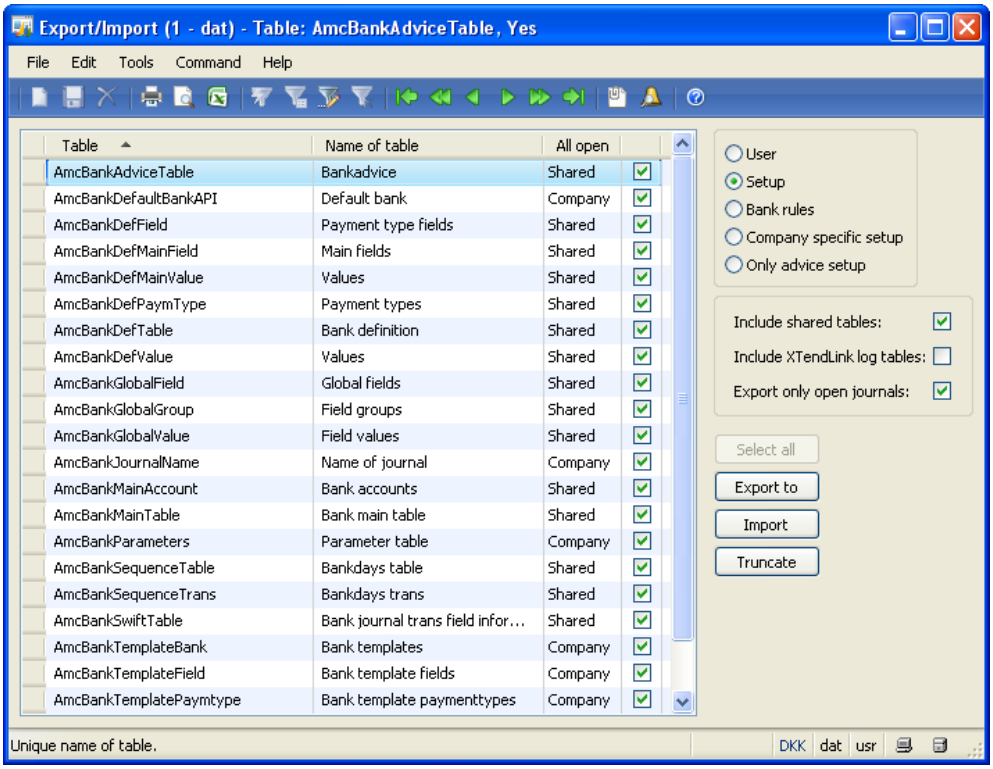


A new window is now displayed from which all menus can be selected. Click and drag AMCBankMenu over to the AOT MainMenu. The menu item is positioned in the botton of the Main Menu tree. If you then want to move the menu item, you can do this using ALT + arrow up/arrow down. Save your changes by right-clicking on MainMenu and selecting save.

Close Dynamics AX and restart it. Check that you now have a new menu by the name of AMC Banking.

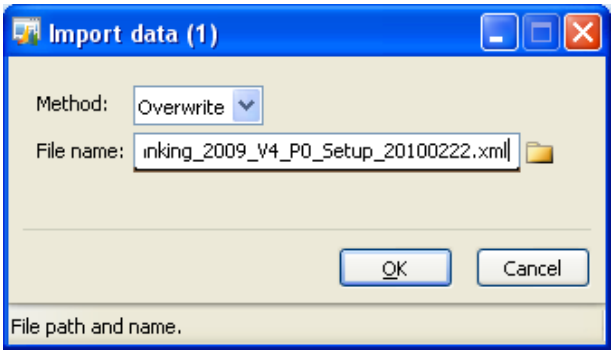
2.9 IMPORT BANK RULES

Select AMC Banking / Periodic / Change / Export/Import.


Export/Import (1 - dat) - Table: AmcBankAdviceTable, Yes
File Edit Tools Command Help
Table | Name of table | All open
AmcBankAdviceTable | Bankadvice | Shared
AmcBankDefaultBankAPI | Default bank | Company
AmcBankDefField | Payment type fields | Shared
AmcBankDefMainField | Main fields | Shared
AmcBankDefMainValue | Values | Shared
AmcBankDefPaymType | Payment types | Shared
AmcBankDefTable | Bank definition | Shared
AmcBankDefValue | Values | Shared
AmcBankGlobalField | Global fields | Shared
AmcBankGlobalGroup | Field groups | Shared
AmcBankGlobalValue | Field values | Shared
AmcBankJournalName | Name of journal | Company
AmcBankMainAccount | Bank accounts | Shared
AmcBankMainTable | Bank main table | Shared
AmcBankParameters | Parameter table | Company
AmcBankSequenceTable | Bankdays table | Shared
AmcBankSequenceTrans | Bankdays trans | Shared
AmcBankSwiftTable | Bank journal trans field infor... | Shared
AmcBankTemplateBank | Bank templates | Company
AmcBankTemplateField | Bank template fields | Company
AmcBankTemplatePaymtype | Bank template paymenttypes | Company
User
Setup
Bank rules
Company specific setup
Only advice setup
Include shared tables:
Include XTendLink log tables:
Export only open journals:
Select all
Export to
Import
Truncate
Unique name of table.
DKK dat usr

The first time the module is installed, you should run an import of the setup file for all setup tables in the module. This is done by clicking on “Setup” followed by the “Import” button.

Only select this method if you are setting up a new installation as you will overwrite a number of tables which may already contain data. If you are in the process of upgrading the module, you should always select the “Bank rules” table list.



Find the setup file which you downloaded or received from AMC-Consult, then click on OK.

3 REGISTERING FOR THE AMC BANKING WEB SERVICE

3.1 COMMUNICATION VIA WEB SERVICES

AMC Banking is designed to communicate with XTendLink via web services. There are two options to choose from: AMC Banking Classic and AMC Banking Enterprise.

3.1.1 AMC BANKING CLASSIC

AMC Banking Classic is based on web services that can be accessed via the AMC webserver. This means that there must be Internet access via port 80 from the Axapta server. AMC Banking will use these URL's when running file conversions etc.
http://classic.amcbanking.com
http://license.amcbanking.dk

The first time you come to register your module, this takes place via the AMC-Consult A/S website which will be accessed from the Axapta client you are using.

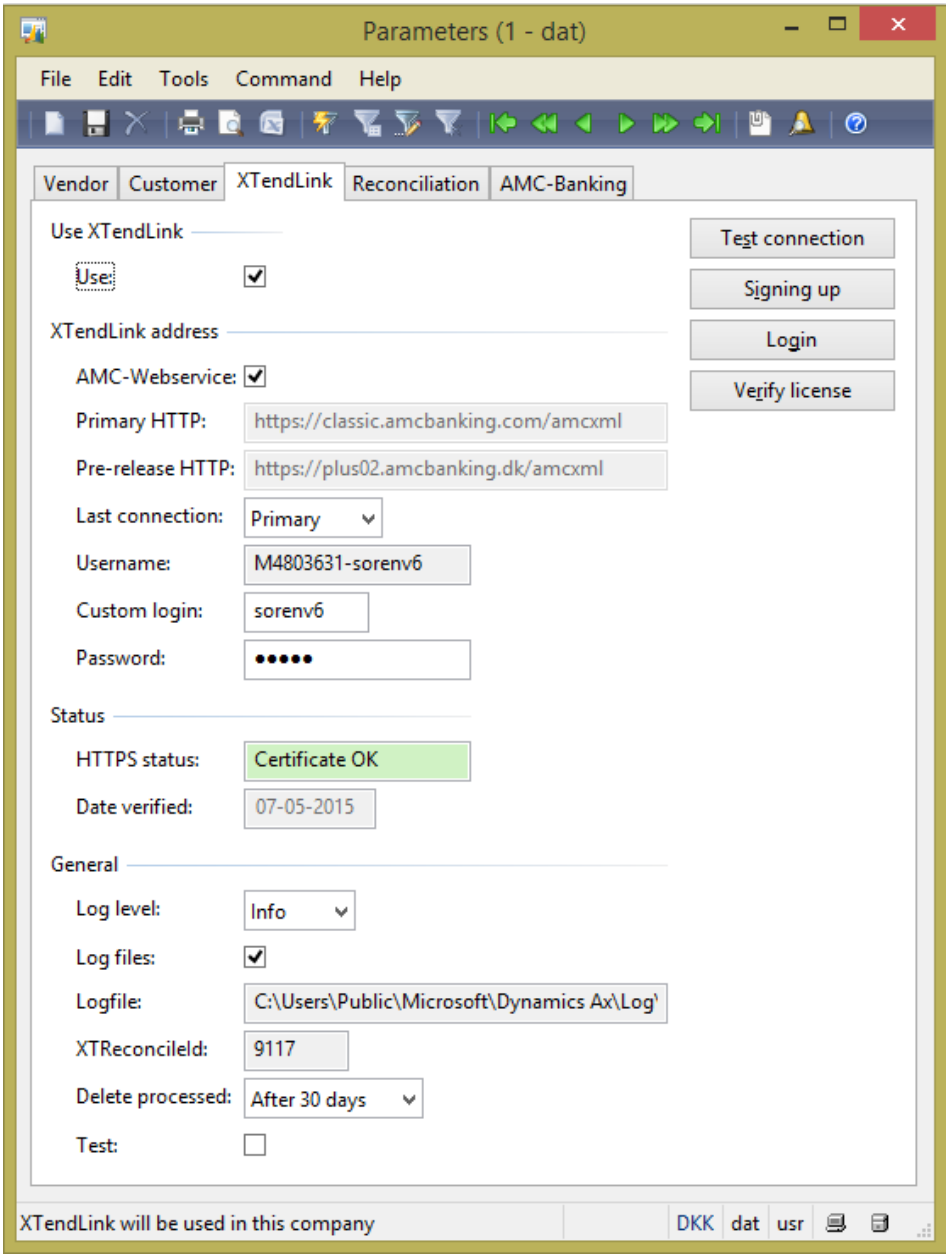
3.1.2 AMC BANKING ENTERPRISE

AMC Banking Enterprise is based on web services that can be accessed via a separately installed XTendLink server. This means that there will be access to one or more XTendLink servers on any port you choose, within your own network or VPN. However, we suggest port 8030 for production and port 8040 for testing.

3.2 REGISTRATION

To be able to use AMC Banking, you have to have set up a valid licence for the module. If you do not have a licence already, you can register a new one by following the points below:

Go to AMC Banking / setup / Parameters, and switch to the XTendLink tab.

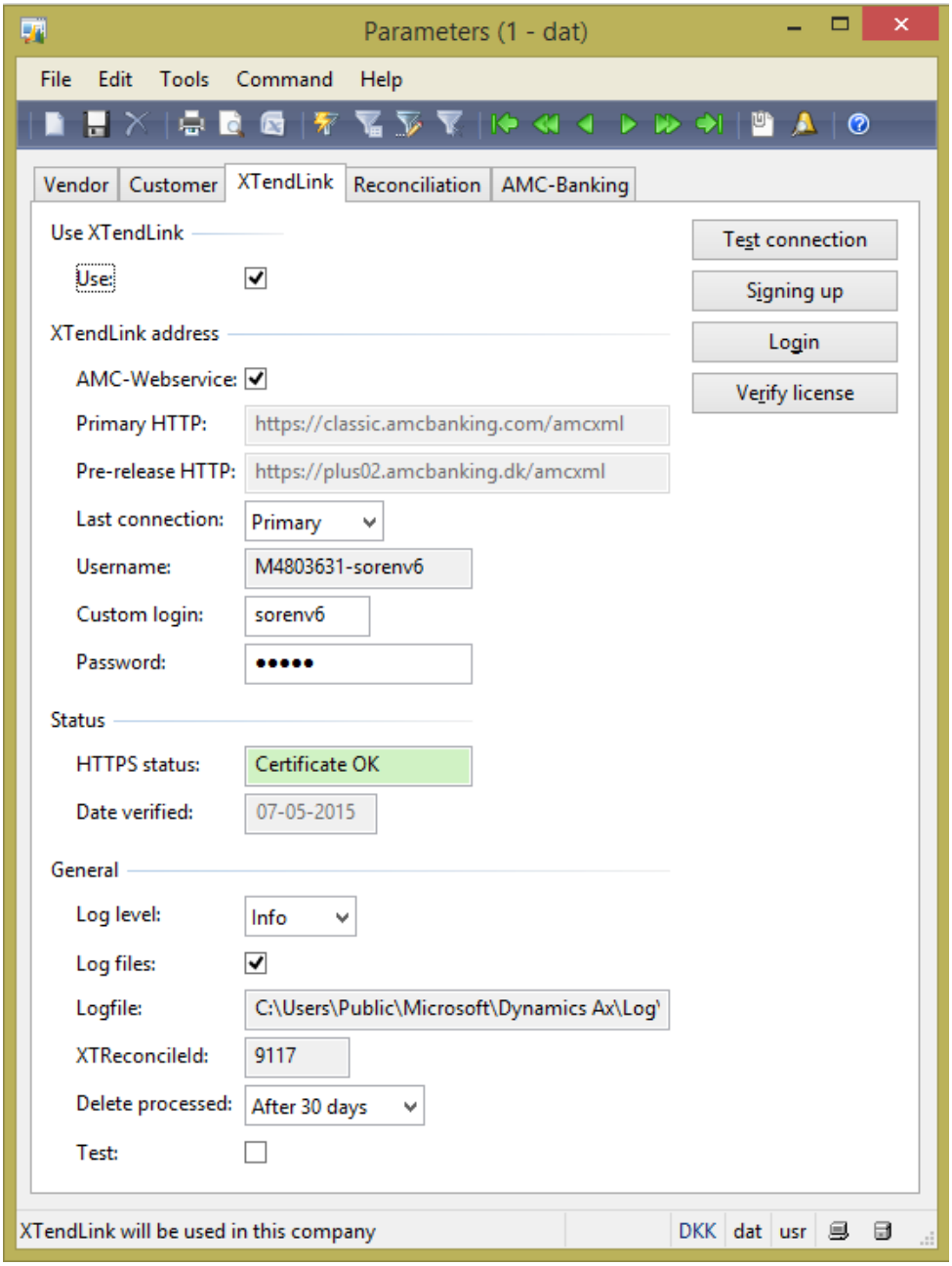


Click on the 'Signing up" button

You will now be guided on to the registration page for AMC Banking Services. Follow the online help to get your AMC-Banking license.

3.3 SETUP OF XTENDLINK ADDRESS AND TEST OF CONNECTION

Go back to AMC Banking / Setup / Parameters and switch to the XTendLink tab.



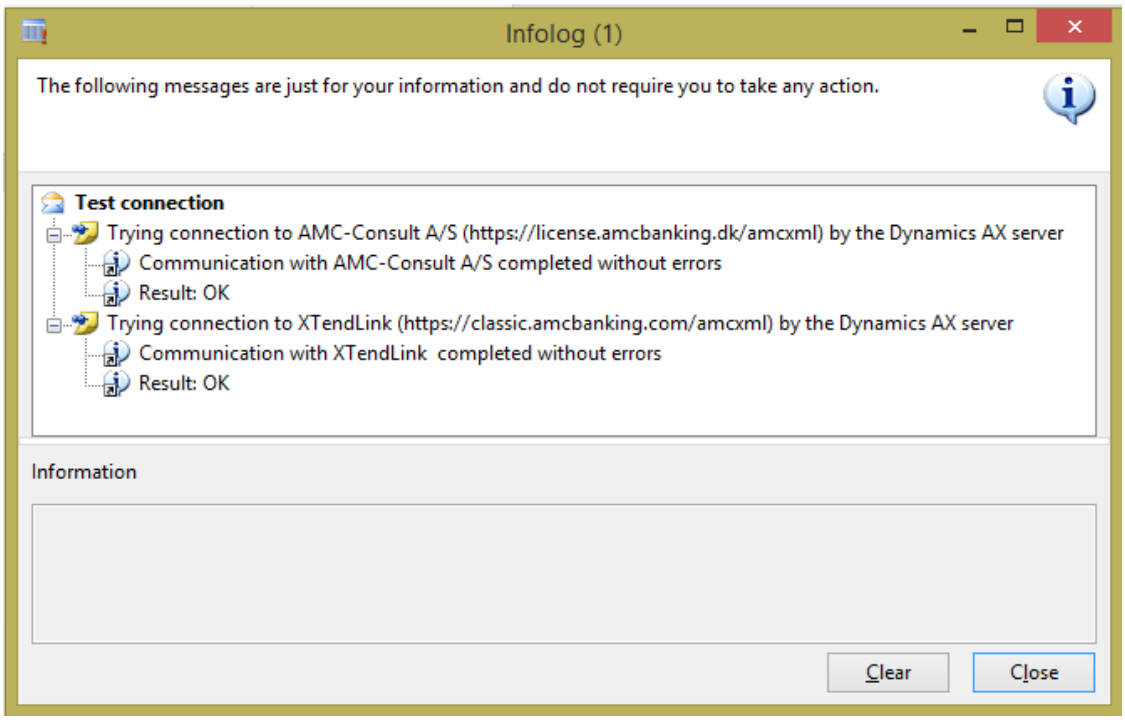
Select the “Use” field.

If you want to use the hosted AMC Banking Service, just select the field AMC-Webservice. The http fields will then be completed automatically with the addresses of AMC Banking Service.

If you want AMC XTendLink to be installed on the company's own network, you instead have to state the IP address and the relevant port for the local XTendLink installation, e.g.

First http: http://10.101.101.50:8030/amcxml

When the http fields are completed, you should click on the "Test connection" button in order to ensure that AMC Banking can communicate with XTendLink.


Infolog (1)
The following messages are just for your information and do not require you to take any action.
Test connection
Trying connection to AMC-Consult A/S (https://license.amcbanking.dk/amcxml) by the Dynamics AX server
Communication with AMC-Consult A/S completed without errors
Result: OK
Trying connection to XTendLink (https://classic.amcbanking.com/amcxml) by the Dynamics AX server
Communication with XTendLink completed without errors
Result: OK
Information
Clear
Close

This test covers both communication with AMC-Consult's XTendLink licence server and the actual service which handles files to and from the banks. Therefore, you will see responses of two test runs in the info log above.

4 TROUBLESHOOTING

4.1 COMPILE ERRORS IN BANKING ELEMENTS

If you experience compile errors in one or more AMC Banking elements following compilation, you can attempt the following:

Try importing the missing elements once more from the XPO file.

Verify that MAPs in JournalNameMap, JournalTableMap and JournalTransMap are set up correctly.

Verify that the above MAPs are "saved". Try leaving and going back into Axapta, and they should continue to exist and not be highlighted red.

4.2 MISSING LABELS IN SCREENS

If one or more labels are missing from screens, you can try the following:

Verify that the label file (axABAda.ald and/or axABAEN-US.ald) is located in the Axapta application library (in the same place as the rest of the Axapta label files).

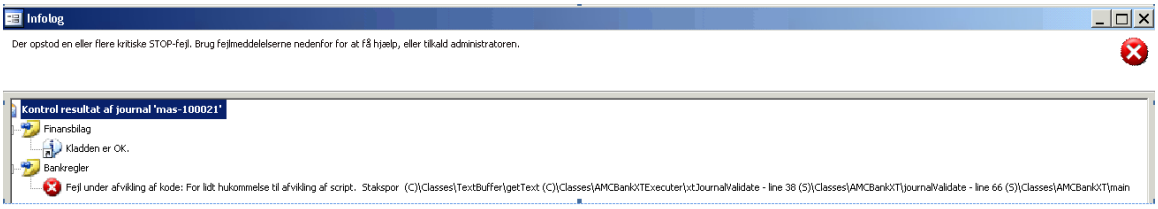
Delete all files which match axABAda. and axABAEN-US.*, except for the above. Then restart the Axapta AOS service.*

4.3 WARNINGS FOLLOWING COMPLETION OF COMPILING

If you see warnings, but no compile errors following completion of compiling, this is absolutely fine. AMC is aware of the problem and will rectify it in a future patch. These warnings are of no significance to the operation of the module.

4.4 ERROR IN PAYMENT JOURNAL

If you attempt to send many payments from the same draft, the following error may arise:


Infolog
Der opstod en eller flere kritiske STOP-fejl. Brug fejlmeddelelserne nedenfor for at få hjælp, eller tilkald administratoren.
Kontrol resultat af journal 'mas-100021'
Finansbilag
Kladden er OK.
Bankregler
Fejl under afvikling af kode: For lidt hukommelse til afvikling af script. Stakspor (C)\Classes\TextBuffer\getText (C)\Classes\AMCBankXTExecuter\xtJournalValidate - line 38 (5)\Classes\AMCBankXT\journalValidate - line 66 (5)\Classes\AMCBankXT\main

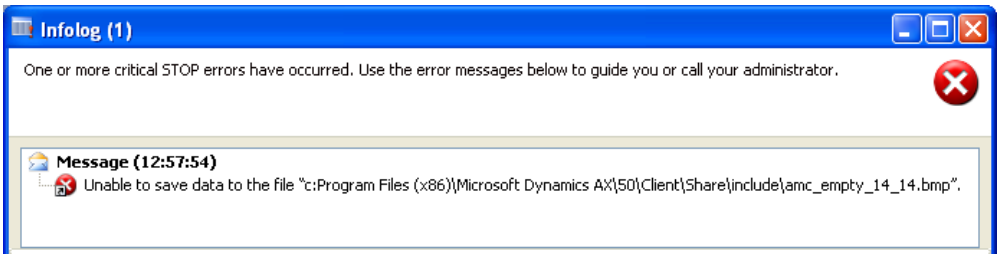
(en-us = Error executing code: Insufficient memory to run script.)

This problem is caused by the fact that the amount of data attempting to be sent is above the general limit for an XML call in Dynamics AX. The solution to this problem is to extend this limit. As all communication from AMC Banking to external systems takes place from the AX AOS server, changing the value of this is sufficient. Follow this guide.

1. On the AOS server, select START > Run and type Regedit
2. Select HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Dynamics Server\4.0\instance name\config name
3. Set up a new key with the name maxbuffersize (lower case letters only) and set a suitable value for this. AMC recommends a value of 40, but you may need to set it higher.
4. Restart the AOS service.

4.5 ERROR WHEN OPENING AMC JOURNALS

The first time you open one of the two payment journals in AMC Banking (the deposit or payment draft), the following error may occur:


Infolog (1)
One or more critical STOP errors have occurred. Use the error messages below to guide you or call your administrator.
Message (12:57:54)
Unable to save data to the file "c:Program Files (x86)\Microsoft Dynamics AX\50\Client\Share\include\amc_empty_14_14.bmp".

This problem is due to the fact that you do not have sufficient rights to write to the folder in which the AX client is installed. To resolve this problem, you either have to be allocated the necessary rights, or you should ask a user with rights to write to the relevant folder, log in to the computer and then start AX, as well as opening AMC-Banking / Journal outgoing payments.

This only has to be done once for the client in question.

5 DELETE OLD ELEMENTS

If your installation of AMC Banking is an upgrade from an earlier version 2009, you may have elements in AX after installation, which are no longer used by AMC Banking. These elements should be deleted to prevent compile errors in the application. The following elements have been deleted from AMC Banking version 2009 V7 compared with version 2009 V2/V3/V4/V5/V6.

Notice: You might not have all elements listed below in your installation.

Data Dictionary

Tables

AmcBankJournalPaymentCompany
AmcBankReconcileSurgest
AmcBankSummaryTable
AmcBankSummaryTrans
AmcBankTmpCremulJournalTransSpec
AmcBankTmpJournalTrans

Extended Data Types

AmcBankOutputTypeId
AmcBankSummaryId

Base Enums

AmcBankHandleJournal
AmcBankmarkUnMark
AmcBankOutPutType
AmcBankPrimarySecondary
AmcBankSummaryAccountType
AmcBankSummaryAccountTypes
AmcBankSummaryCashDiscType
AmcBankSummaryReference
AmcBankSummaryStatus
AmcBankSummaryUtilization
AmcBankUpdateOverwrite

Macros

AmcBankJob
AmcBankOCR
AmcBankPatch
AmcBankSerial
AmcBankXTFieldsFixedValues

Classes

AmcBankDemoMake
AmcBankImportTable
AmcBankJournalCremulTmpTransSpecCreate
AmcBankJournalEnter
AmcBankJournalEnter_Check
AmcBankJournalEnter_CheckPost
AmcBankReconcileChequeSettlement
AmcBankReconcileSettleDelete
AmcBankReconcileSurgestAdd
AmcBankReconcileSurgestDiff
AmcBankReconcileSurgestionDelete
AmcBankReconcileSurgestTransfer
AmcBankReferenceSearch
AmcBankSummary2Ledger
AmcBankSummaryMain
AmcBankSummaryPostpone
AmcBankSummarySearch
AmcBankXTBatch
AmcBankXTInterpreter
AmcBankXTJournalDelete

Forms

AmcBankBeta
AmcBankDemoCreate
AmcBankDemoDialog
AmcBankDemoTableListPage
AmcBankSummary2Ledger
AmcBankSummarySearch
AmcBankSummaryTable
AmcBankSummaryTrans
AmcBankJournalPaymentCompany
AmcBankReconcileSurgestTransferLookUp
AmcBankVendPaymentCreateManually
AmcBankXTMessageImport

Queries

AmcBankReconcileSurgestDelete
AmcBankSummary2Ledger
AmcBankSummarySearch
AmcBankSummaryTrans

Menu Items

Display

AmcBankJournalPaymentCompany
AmcBankDemoTableListPage
AmcBankVendWizardTable
AmcBankSummaryTable
AmcBankSummaryTrans

Action

AmcBankDemoBanstaCreate
AmcBankDemoBaseDataCreate
AmcBankDemoBaseDataCustUpdate
AmcBankDemoBaseDataVendUpdate
AmcBankDemoContrlCreate
AmcBankDemoDebmulCreate
AmcBankDemoFinstaCreate
AmcBankDemoPaymentIncommingCreate
AmcBankDemoPaymentOutgoingCreate
AmcBankJournalChangeMultiMark
AmcBankReconcileSettleDelete
AmcBankReconcileSurgestAdd
AmcBankReconcileSurgestDelete
AmcBankReconcileSurgestDiff
AmcBankReconcileSurgestTransfer
AmcBankSummary2Ledger
AmcBankSummaryPostpone
AmcBankSummarySearch

Output

AmcBankXTMessageLog

Reports

AmcBankReconcileLedgerSettleStatus
AmcBankXTMessageLog

6 UPGRADING AMC-BANKING FROM 4.X OR PREVIOUS VERSIONS

If your installation is an upgrade of an earlier version of AMC Banking, you have to be aware that a number of changes have been made to the table structure. Several tables in this version have been shared across companies, which is why you have to review your existing data in the module in order to ensure that you can continue to use the module.

Data from old versions of AMC Banking can be imported to version 2009 v4, but you have to assess in each individual case which tables you should transfer.

Converting data from previous versions of the module is not fully supported due to a change in the general structure of AMC-banking and a change of names for all tables in the module. Most essential is the Bank Vendor Table where the vendors' payment types and account information are found. The chapter below will assist you in successfully converting these data.

Please note that it is not possible to transfer journals from versions prior to 2009.

You should ask for assistance for this upgrade from AMC-Consult if you are in any doubt.

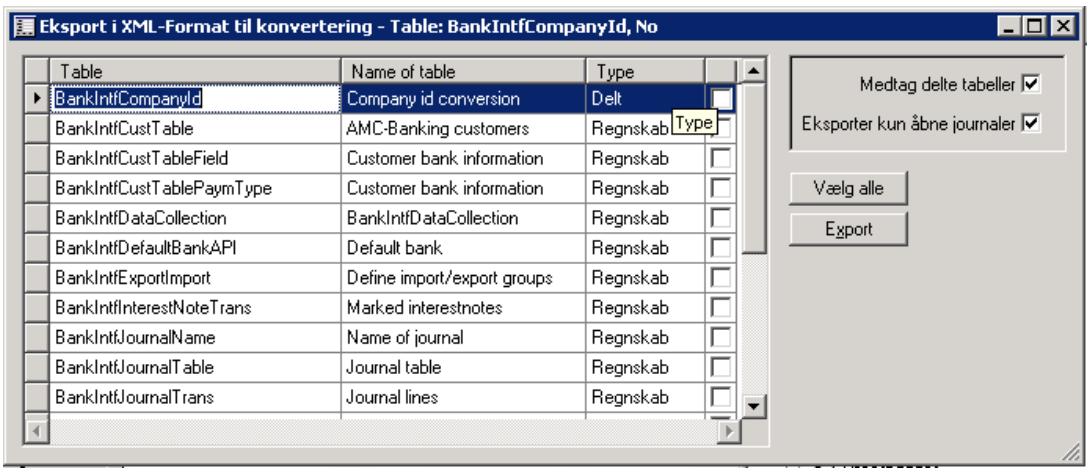
6.1 IMPORTING XML TOOL IN THE PREVIOUS VERSION

Since the new version of AMC-Banking is limited to importing files in XML-format, it is required to install an application into the former version of the program. The application can be found at www.amc.dk or requested directly at AMC-Consult.

The file AMC_Banking_ExportXMLTool_460_481.xpo is to be imported into the previous version of AMC-Banking by AOT / Import or CTRL + D.

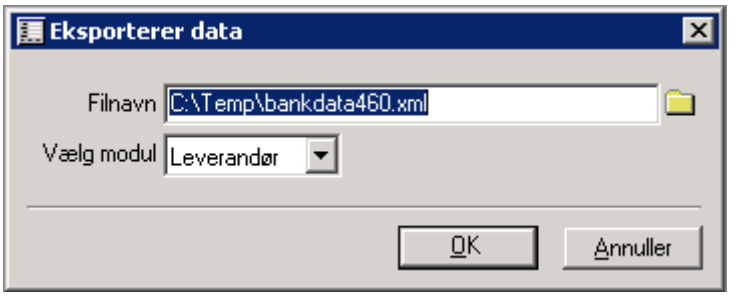
6.2 EXPORTING DATA FROM A PREVIOUS VERSION

After completing the import, open the form AmcBankExportImport. The form is found directly in AOT under Forms. The following screen will appear:



Select the tables you wish to transfer to the new version. If Bank Table Vendor is all you need, select the tables labelled BankIntfVendTable* or simply select all tables by pressing the button on the right. It is possible to import only specific tables in the new version afterwards.

After selecting Export, the following window will appear:



Choose filename and location in the first subject field and the type of data you wish to export in the second. You will have to choose between Customer data or Vendor data, since several tables in the previous version of AMC-Banking had more than one function. Choose Vendor if you need data for the new version of AMC-Banking. Choose Customer if you need the exported data for a new version of AMC Direct Debit.

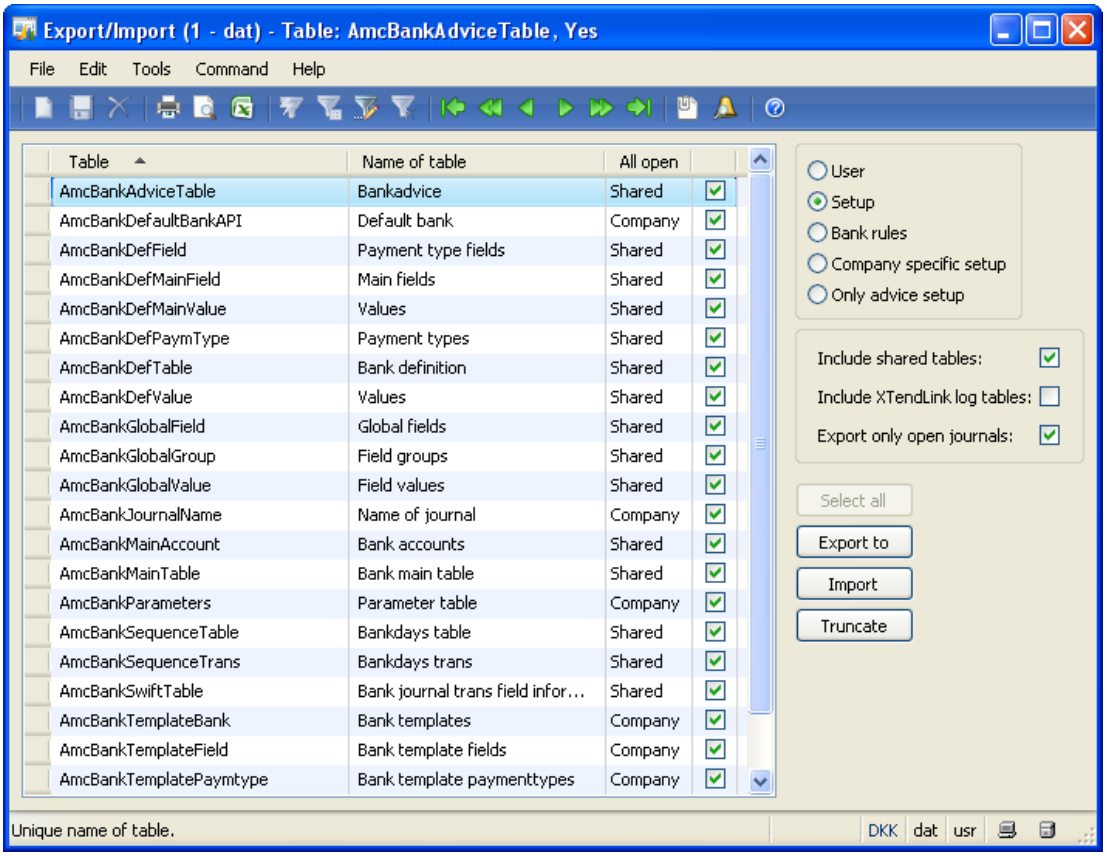
In this case, choose Vendor.

6.3 IMPORTING DATA TO AMC-BANKING 2009

It is possible to import some data from the previous version into AMC-Banking 2009.

The basic assumption is that the essential data from the previous version is the Bank Table Vendor. It can be imported and converted by following these steps.

Choose AMC-Banking / periodic / Edit / Export/Import.



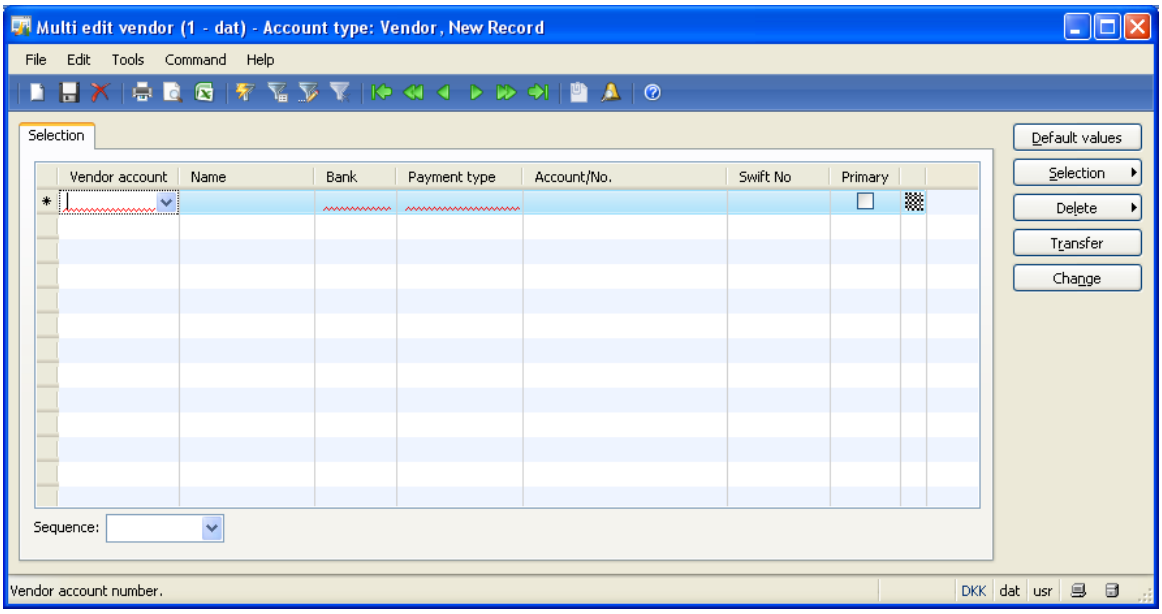
First, choose User then the three tables labelled AMCBankVendTable*.

Then press Import and choose the file exported in 6.2.

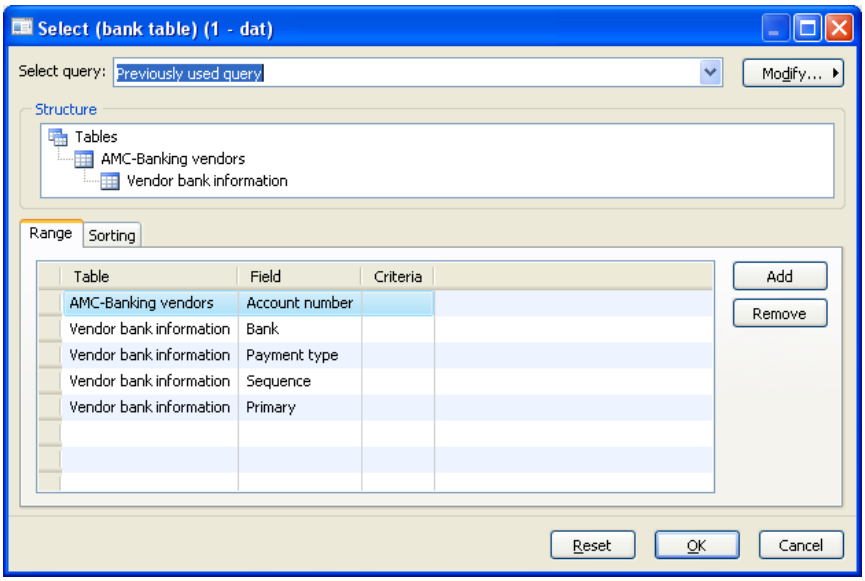
6.4 CONVERTING PAYMENT TYPES

It is necessary to convert the imported vendor payment types, due to a change of names in the 2009 version. Before converting your information, enter your own bank at AMC-Banking / Setup / Main information. Further assistance can be found in the user's manual for AMC-Banking.

It is easiest to convert vendor account types at AMC-Banking / Periodic / Edit / Multi Edit Vendor.

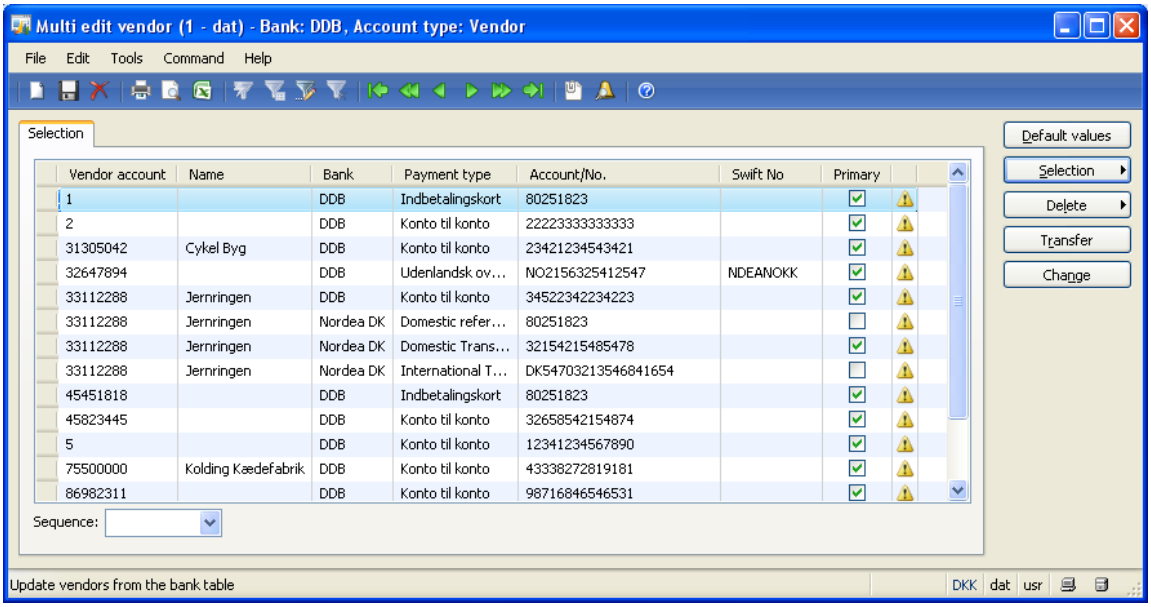


Choose Selection / Selection (bank table).

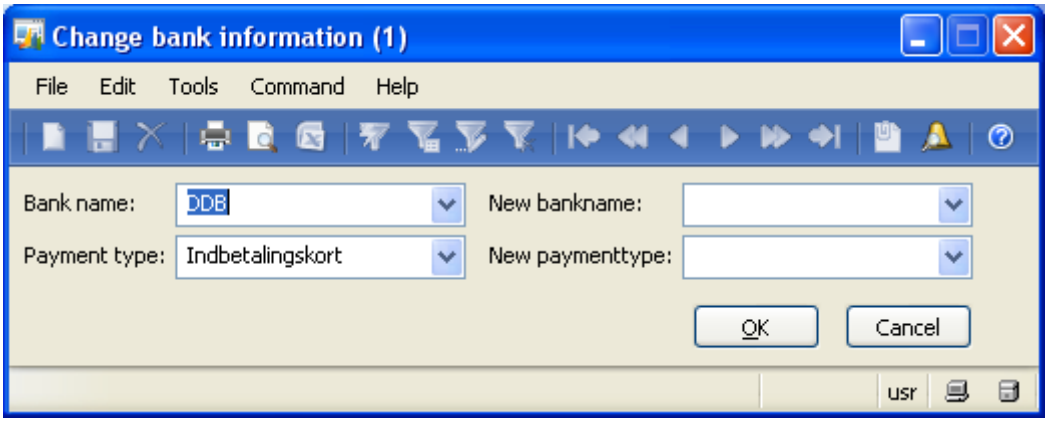


It is not necessary to further specify your selection. Choose OK, in the following window.

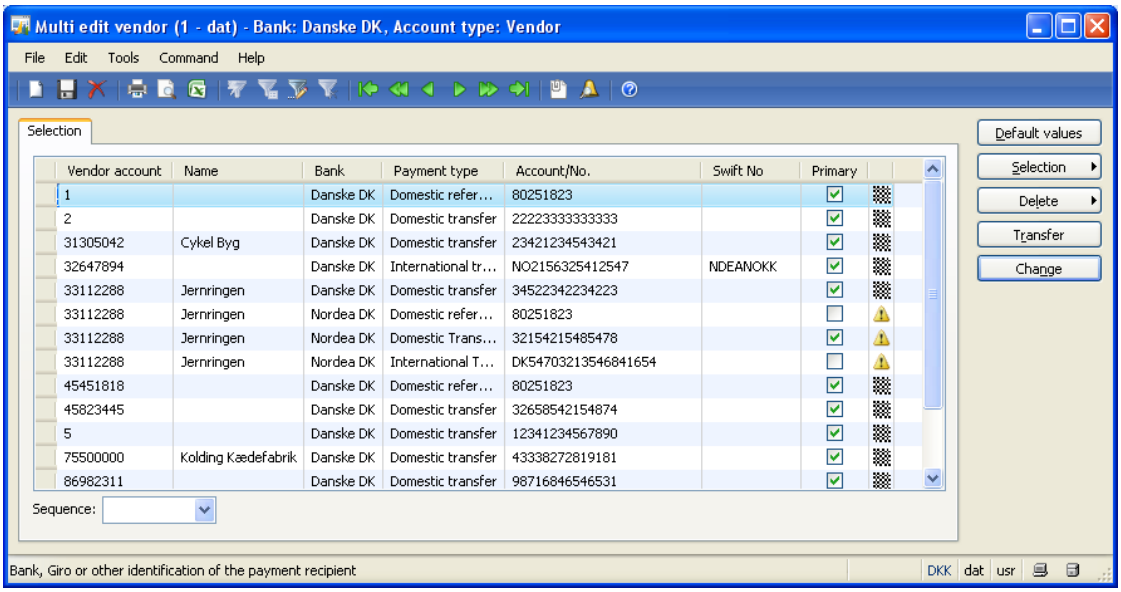
Now all vendors and their affiliated bank and payment types will appear.


Multi edit vendor (1 - dat) - Bank: DDB, Account type: Vendor
File Edit Tools Command Help
Selection
Default values
Selection
Delete
Transfer
Change
Vendor account | Name | Bank | Payment type | Account/No. | Swift No | Primary
1 | DDB | Indbetalingskort | 80251823
2 | DDB | Konto til konto | 22223333333333
31305042 | Cykel Byg | DDB | Konto til konto | 23421234543421
32647894 | DDB | Udenlandsk ov... | NO2156325412547 | NDEANOKK
33112288 | Jernringen | DDB | Konto til konto | 34522342234223
33112288 | Jernringen | Nordea DK | Domestic refer... | 80251823
33112288 | Jernringen | Nordea DK | Domestic Trans... | 32154215485478
33112288 | Jernringen | Nordea DK | International T... | DK54703213546841654
45451818 | DDB | Indbetalingskort | 80251823
45823445 | DDB | Konto til konto | 32658542154874
5 | DDB | Konto til konto | 12341234567890
75500000 | Kolding Kædefabrik | DDB | Konto til konto | 43338272819181
86982311 | DDB | Konto til konto | 98716846546531
Sequence:
Update vendors from the bank table
DKK dat usr

To change bank and payment type, press Change.



The left side of the Edit window will show the valid bank and payment type of the vendor chosen in the Multi Edit window at the time the Change button was clicked. Choose new values for each previous bank and payment type possible in AMC-Banking 2009. For each payment type, individually start the Change window. The values in the Multi Edit window will change after pressing the OK button.


Multi edit vendor (1 - dat) - Bank: Danske DK, Account type: Vendor
File Edit Tools Command Help
Selection
Default values
Selection
Delete
Transfer
Change
Vendor account | Name | Bank | Payment type | Account/No. | Swift No | Primary
1 | Danske DK | Domestic refer... | 80251823
2 | Danske DK | Domestic transfer | 22223333333333
31305042 | Cykel Byg | Danske DK | Domestic transfer | 23421234543421
32647894 | Danske DK | International tr... | NO2156325412547 | NDEANOKK
33112288 | Jernringen | Danske DK | Domestic transfer | 34522342234223
33112288 | Jernringen | Nordea DK | Domestic refer... | 80251823
33112288 | Jernringen | Nordea DK | Domestic Trans... | 32154215485478
33112288 | Jernringen | Nordea DK | International T... | DK5470321354684165
45451818 | Danske DK | Domestic refer... | 80251823
45823445 | Danske DK | Domestic transfer | 32658542154874
5 | Danske DK | Domestic transfer | 12341234567890
75500000 | Kolding Kædefabrik | Danske DK | Domestic transfer | 43338272819181
86982311 | Danske DK | Domestic transfer | 98716846546531
Sequence:
Bank, Giro or other identification of the payment recipient
DKK dat usr

Press Transfer after editing all the vendors in the window. This will transfer all new values to the Bank Table Vendor.

Since both new and old values will be present in the bank table, it is highly recommended to perform a clean up. The best way to go about this is to delete existing selections in the Multi Edit window and to run a new selection from the bank table, specifically on the previous bank information. When the new selection appears in the Multi Edit window, press Delete/ Delete from Bank Table.

6.5 GENERAL SETUP

It comes highly recommend that you go through the general setup of AMC-Banking manually, since the general structure of the module has been changed. For further assistance please refer to the user's manual for AMC-Banking for Dynamics AX 2009.

7 APPENDIX

This Appendix to the installation guide contains a summary of a range of options available to help you make AMC Banking even easier to use.

AMC-Consult has developed a range of supplementary functions which all influence the standard application in Dynamics AX. Therefore, it is necessary to make a number of adjustments if you wish to use these supplementary functions.

The adjustments should be implemented by an experienced system administrator or Dynamics AX consultant, and this person should be very aware that the adjustments will not conflict with other functions in AX.

This guide is written only with a view to giving users of AMC Banking a more functional solution by undertaking simple adjustments based on elements in the AMC module. AMC-Consult is not responsible for any consequences of these adjustments in AX.

It is recommended unconditionally that you export a backup of the elements concerned before making any adjustments.

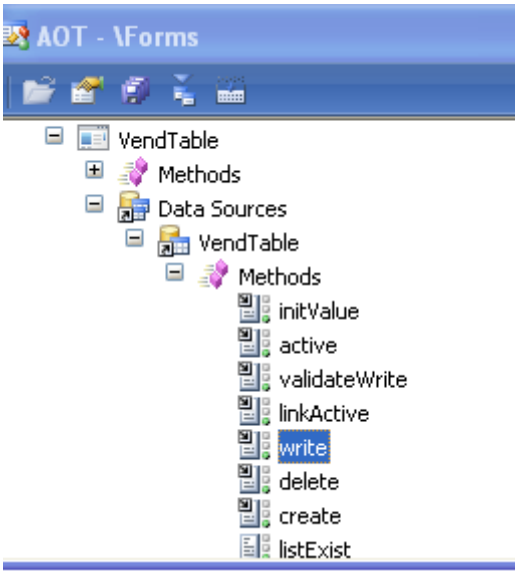
Adjustments of the type specified in this appendix are not covered by AMC-Consult's general support agreements for AMC modules.

Unless stated otherwise, the descriptions in this appendix are based on Dynamics AX version 2009.

7.1 AUTOMATIC CREATION OF NEW VENDORS IN AMC BANKING

This adjustment will allow you to get AMC Banking to create new vendors automatically in the AMC bank table. These will take place at the same time as the new vendor is created in the vendor table as the user will be prompted for the details to be used in the AMC bank table.

You have to undertake the following adjustment:



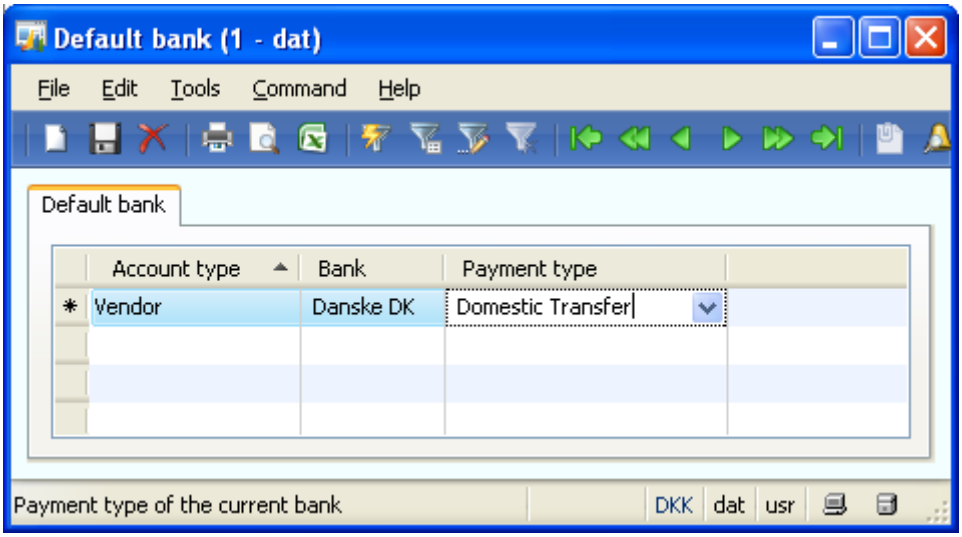
In AOT, find the VendTable form and go to DataSources/VendTable/Methods/write

Press ENTER to open the method.

In the method, insert the following code:

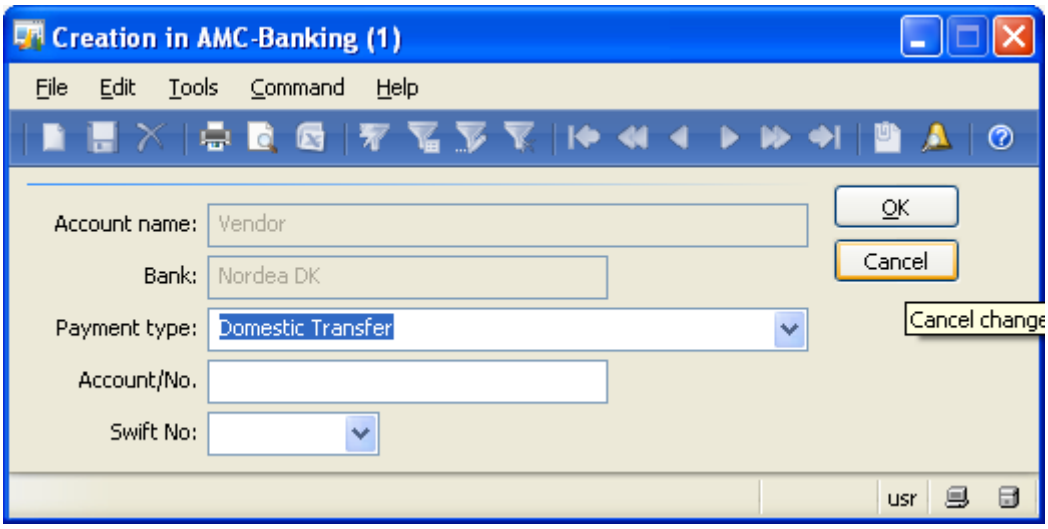
```
 void write()
{
    boolean newRecord;
    // AMC Banking section START
    AmcBankDefaultBankAPI   amcBankDefaultBankAPI;
    VendTable               amcVendTable;

    //AMC Banking section END

    ;

    // AMC Banking section START
    select firstonly amcVendTable
        index AccountIdx
        where amcVendTable.AccountNum == vendTable.AccountNum;

    //AMC Banking section END

    element.numberSeqFormHandler().formMethodDataSourceWrite();

    if (vendTable.orig().Currency && vendTable.Currency != vendTable.orig().Currency)
    {
        if (vendTable.existOpenOrders())
        {
            if (VendTable::promptConvertCurrencyCode())
            {
                vendTable.convertCurrencyCode();
            }
        }
    }

    newRecord = (vendTable.orig().RecId == 0) ? true : false;

    super();

    if (newRecord)
    {
        DirParty::showHideMessageBar(element,vendTable);
    }

    // AMC Banking sectioni START
    if (amcVendTable.RecID == 0)
    {
        amcBankDefaultBankAPI=amcBankDefaultBankAPI::findDefaultBank(amcBankAccountType::Vendor);
        if(!amcBankAPI::isVendActiveInAMCbanking(vendTable.AccountNum,amcBankAccountType::Vendor,
                                                 amcBankDefaultBankAPI.Bank))
           AMCBankAPI::createVendInAMCbanking(vendTable.AccountNum,AMCBankAccountType::Vendor);
    }
    //AMC Banking section END
}
```

Note: You have to select a default bank/payment type in AMC Banking/Setup/Default bank before the adjustment will take effect.



Here, set up which bank and payment type are to be used by default, when new vendors are created.

When the user then creates new vendors in the vendor table, this prompt box will be displayed.



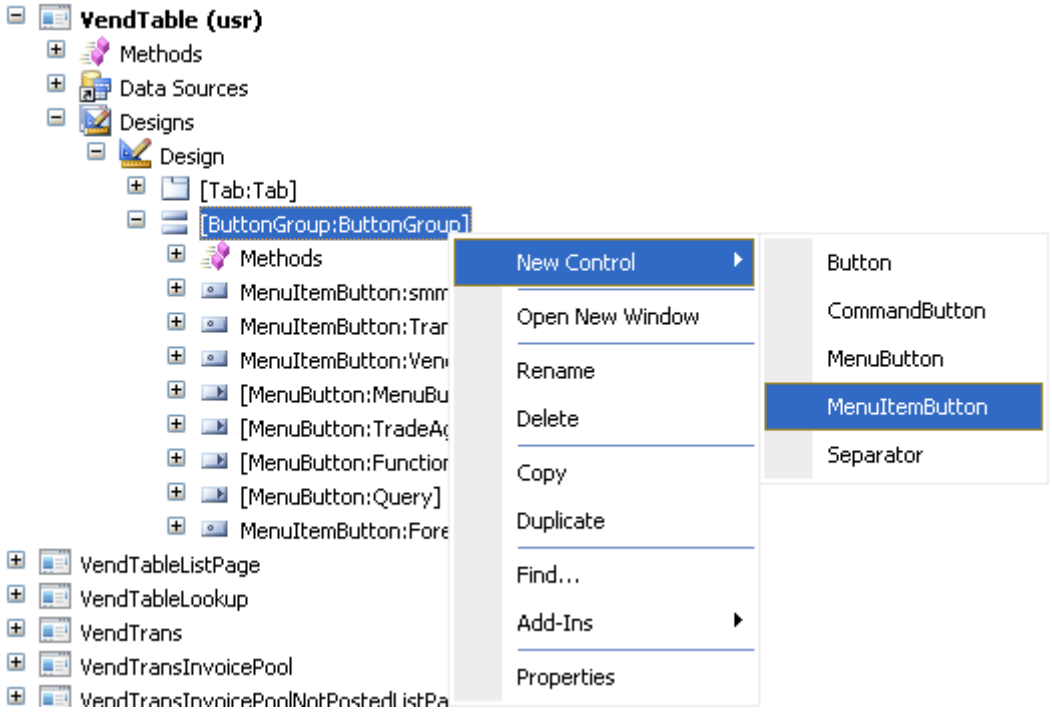
When actually setting up a new vendor, it will be possible to change the payment type and specify the vendors bank or giro account, as well as a SWIFT code where applicable (for use for foreign payments to vendors).

7.2 How to set up a link from a vendor to AMC Banking

To facilitate maintenance of the AMC Banking bank table, it may be a good idea to set up a menu item in the vendor table. This will allow you to jump directly from the vendor table to the relevant vendors payment information in AMC Banking.

To set up this menu item, you have to open AOT (the Application Object Tree).

You then find the element type “Forms” and the form “VendTable”.



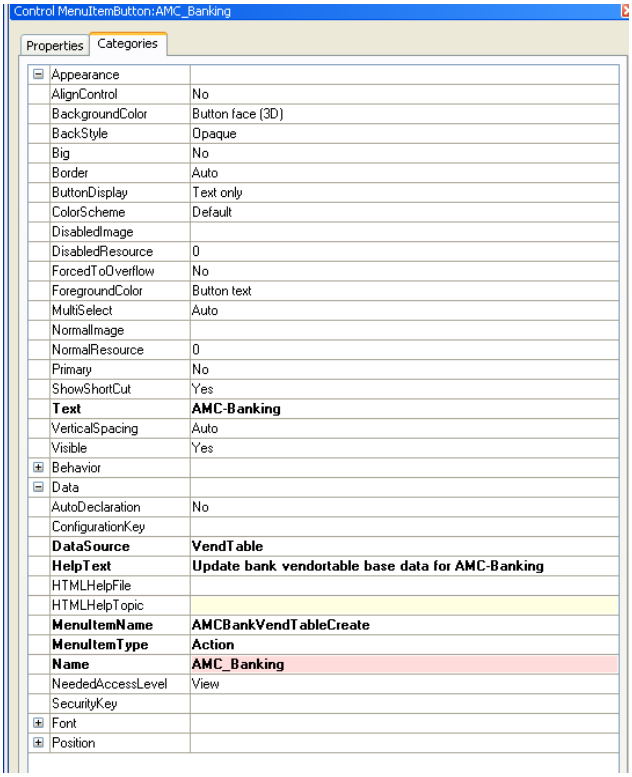
Expand the element by selecting Designs/Design/ButtonGroup and right-clicking on MenuButton: Setup

Select “New control and “MenuItemButton”

Your new menu item will be placed at the bottom of the “Setup” menu in the vendor table, but you can move this by holding down the ALT key and moving the menu item to the required location using the arrow keys.

To adjust the new menu item setup, you have to select properties by right-clicking or by pressing ALT + ENTER.

You then have to complete the properties as shown below.



In the two fields HelpText and Text, you have to input the values @ABA20003 and @ABA20000. When you leave the field, the text will be converted as shown above.

To save your new menu item, you have to right-click on VendTable Form and select “Save”. Then check that the form compiled without errors.

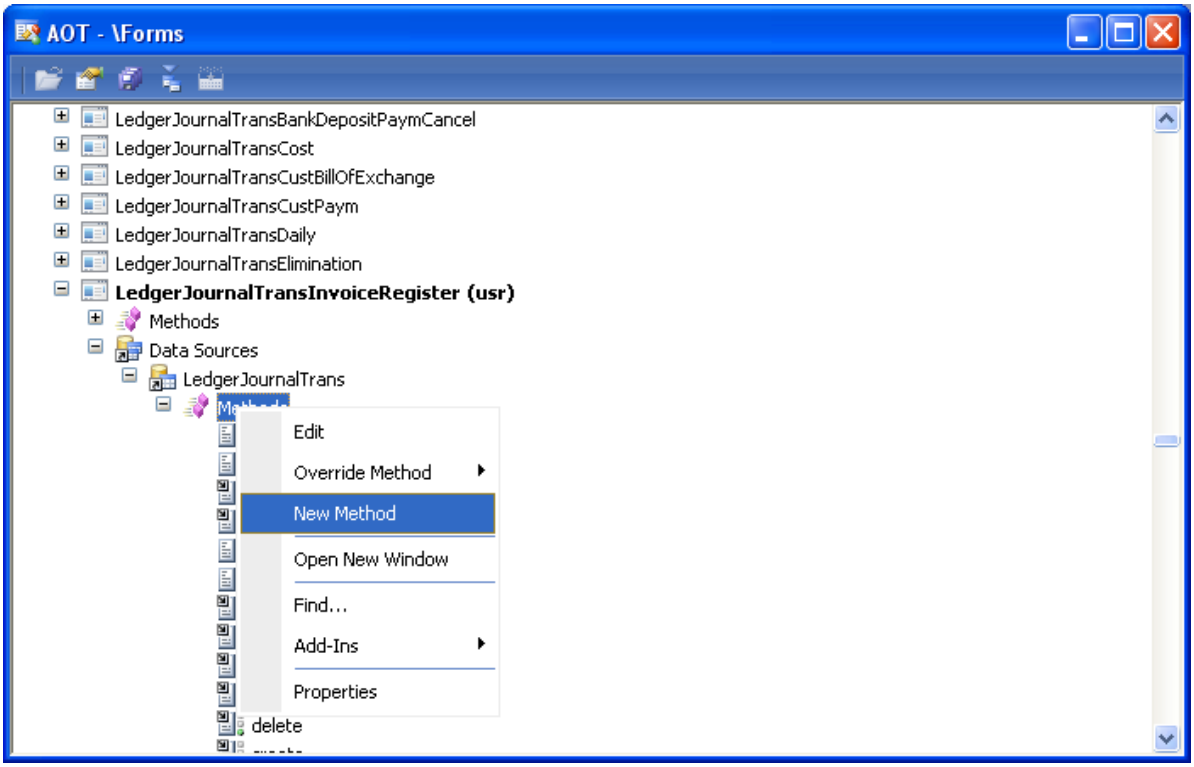
You can then close AOT.

7.3 How to add payment type and bank account in the invoice register journal

To ensure that you have the correct payment information in AMC-Banking you can use this adjustment to display the payment type and bank account of a certain vendor in the vendor invoice register journal. The new fields only displays the information, it cannot be changed in the journal form.

In AOT open the form LedgerJournalTransinvoiceRegister

Go to Data Sources / LedgerJournalTrans and right click the Methods node. Select New Method.



In the new method, insert the following code:

```
display AMCBankPaymType dispAMC_PaymentType(LedgerJournalTrans _ledgerJournalTrans)
{
                return AMCBankAPI::getPaymentType(_ledgerJournalTrans.AccountNum,
                    AmcBankAccountType::Vendor,
                    _ledgerJournalTrans.PaymMode,
                    _ledgerJournalTrans.currencyCode);
}
```

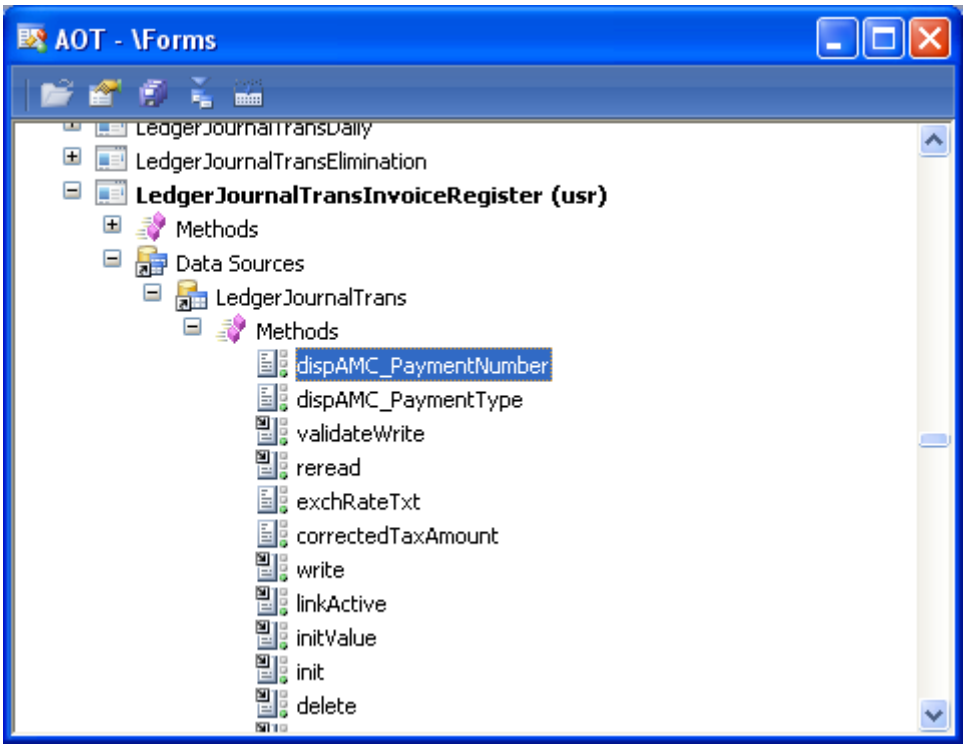
Close the method and save the changes.

Once again right click the Methods Methods node and select New Method. In the new method, insert the following code:

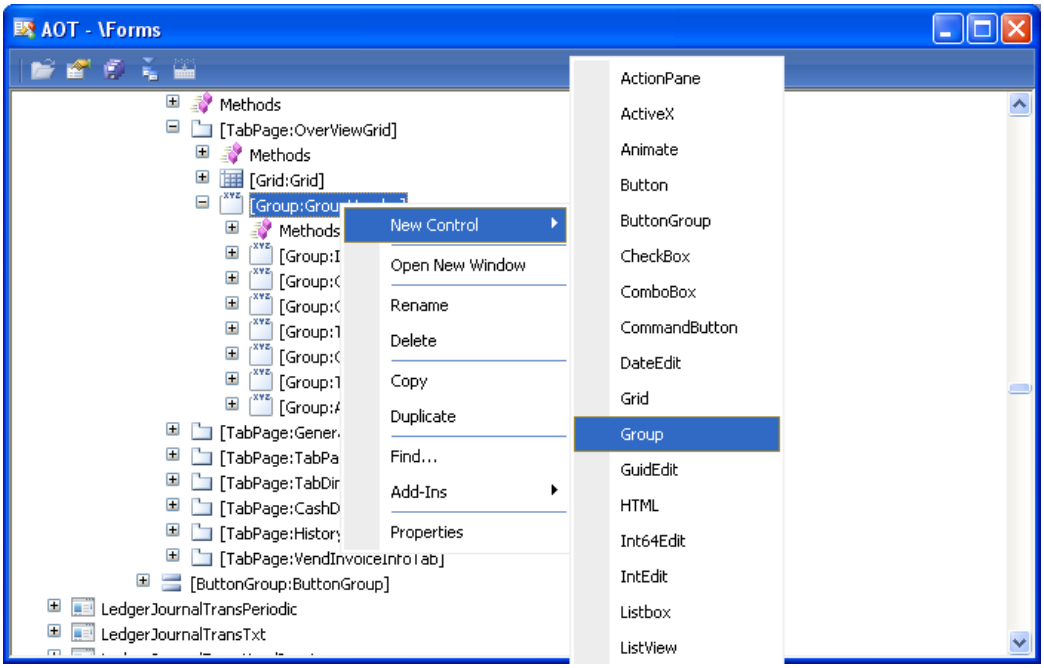
```
display AmcBankPaymNum dispAMC_PaymentNumber(LedgerJournalTrans _ledgerJournalTrans)
{
   return AmcBankAPI::getPaymentNumber(_ledgerJournalTrans.AccountNum,
                                       AmcBankAccountType::Vendor,
                                       _ledgerJournalTrans.PaymMode,
                                       _ledgerJournalTrans.currencyCode);
}
```

Close the method and save the changes.

You should now see these methods:

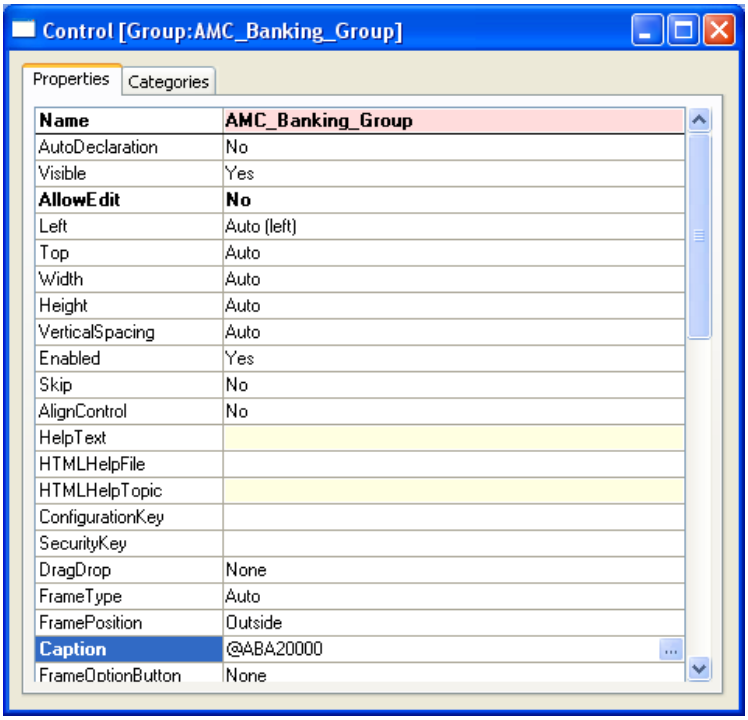


Go to Design / Design / Tab / Tabpage:Overview / Group:GroupHeader og right click.



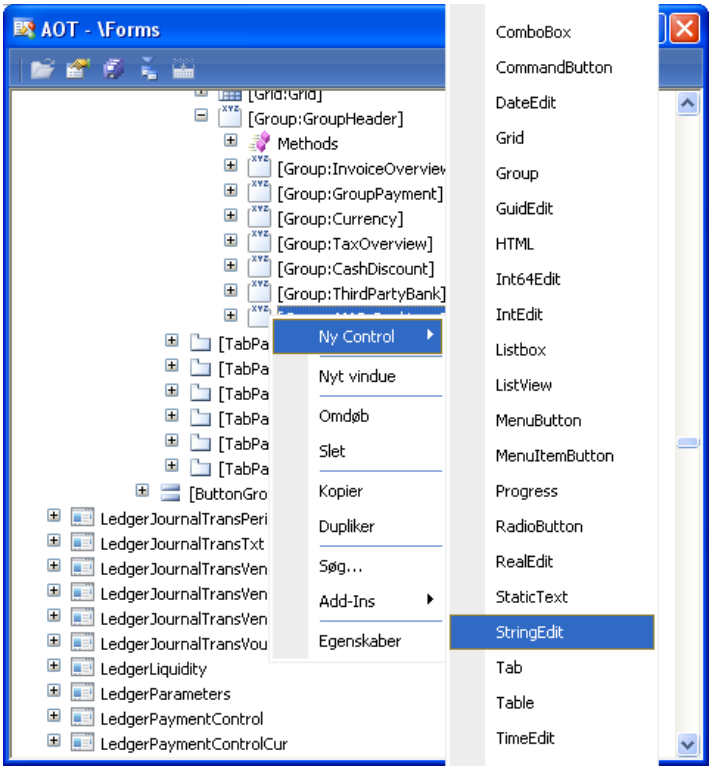
Select New Control / Group, which will create a new group. Right click the new group and select Properties.

Change the name of the group and add the label @ABA20000 in the Caption field as shown below.

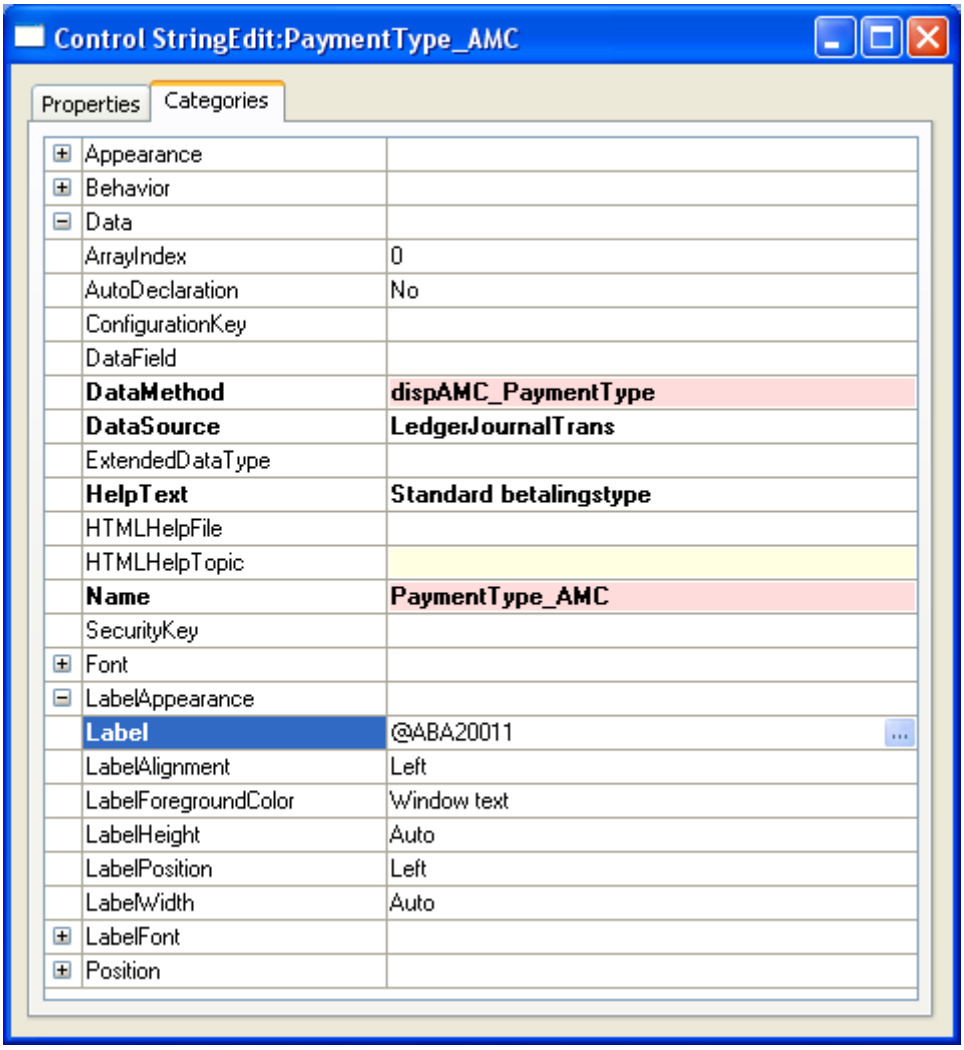


Close the group properties and right click again.

Select New Control / String Edit. Name the new element PaymentType_AMC.



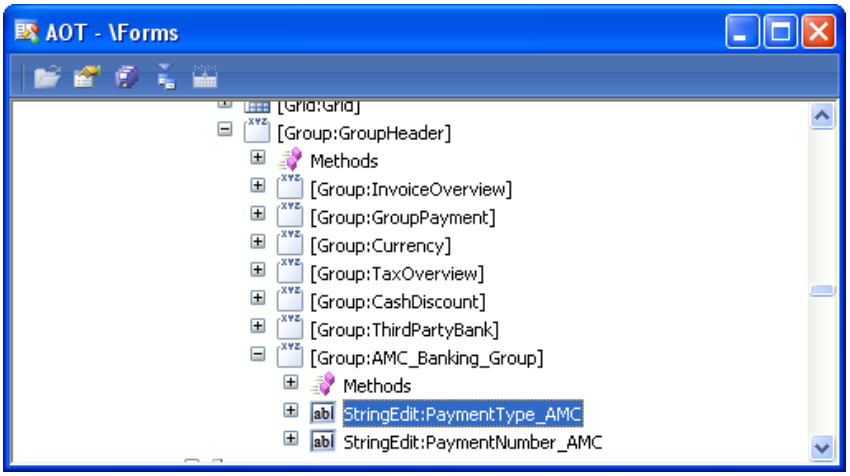
Now right click the new element and select Properties.



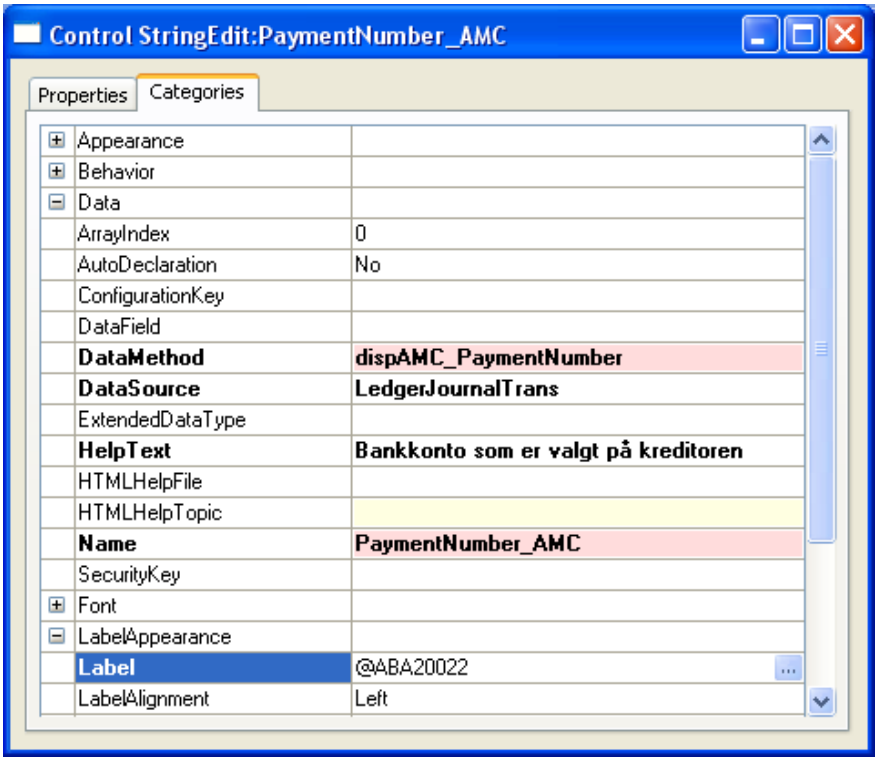
The two labels used in the fields HelpText and Label have the following numbers:

HelpText	@ABA30224	Standard payment type
Label	@ABA20011	Payment type

Right click again the node [Group:AMC_Banking_Group] and select New Control / String Edit. Name the new element PaymentNumber_AMC



Right click the element and select Properties

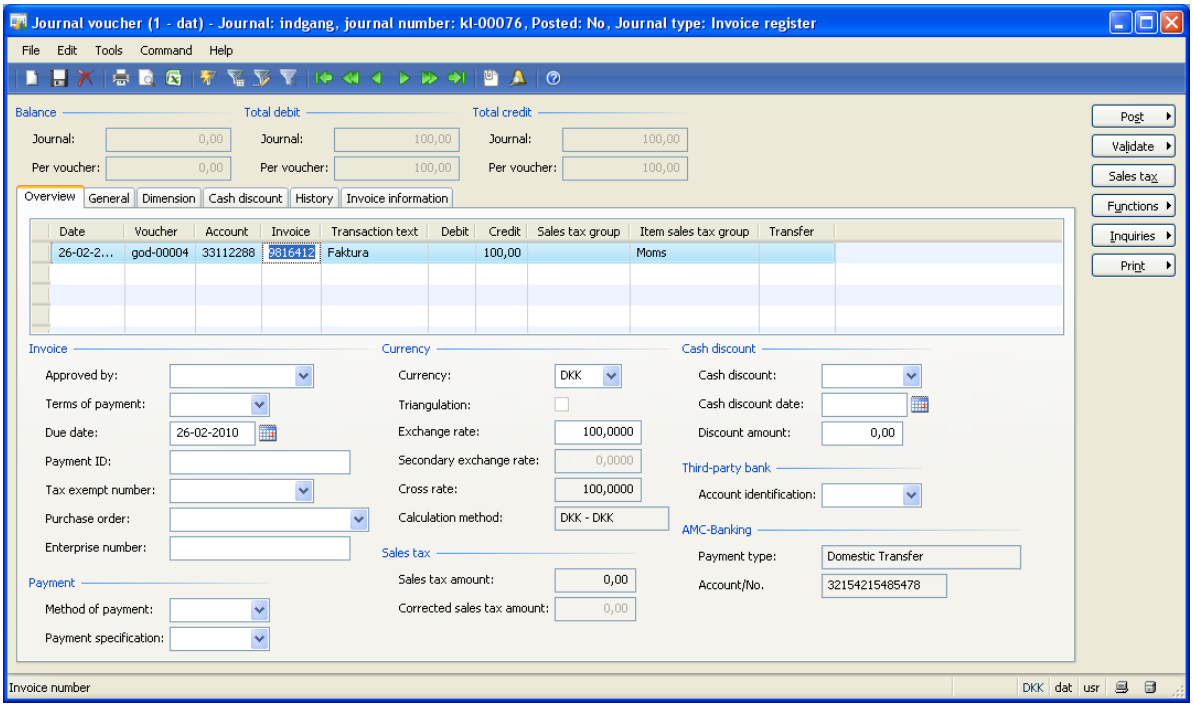


Labels used in the properties:

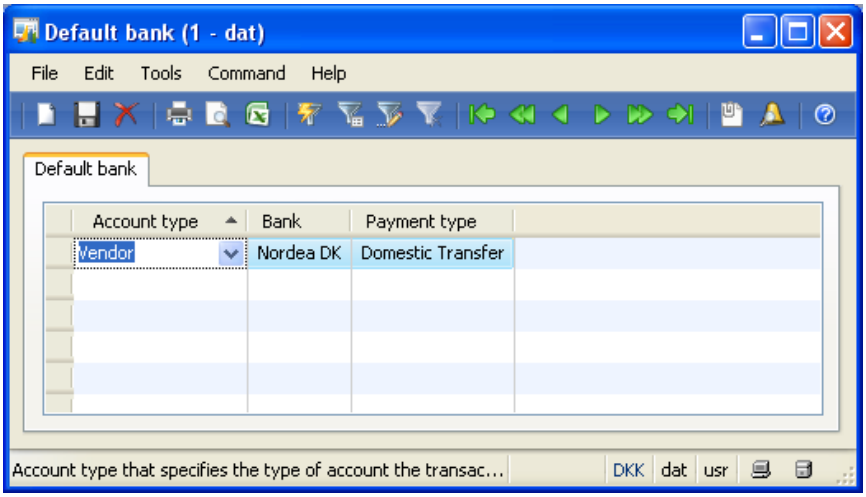
HelpText	@ABA20291	Bank account selected for the vendor
Label	@ABA20022	Account/No.

Close the properties. Right click the form LedgerJournalTransInvoiceRegister and select Save.

In the Invoice register journal you now have two new fields displaying the payment type and bank account of the selected vendor.



Note: Use of the new fields requires that you have selected a default bank and payment type in AMC-Banking / Setup / Default Bank.


Default bank (1 - dat)
File Edit Tools Command Help
Default bank
Account type Bank Payment type
Vendor Nordea DK Domestic Transfer
Account type that specifies the type of account the transac...
DKK dat usr

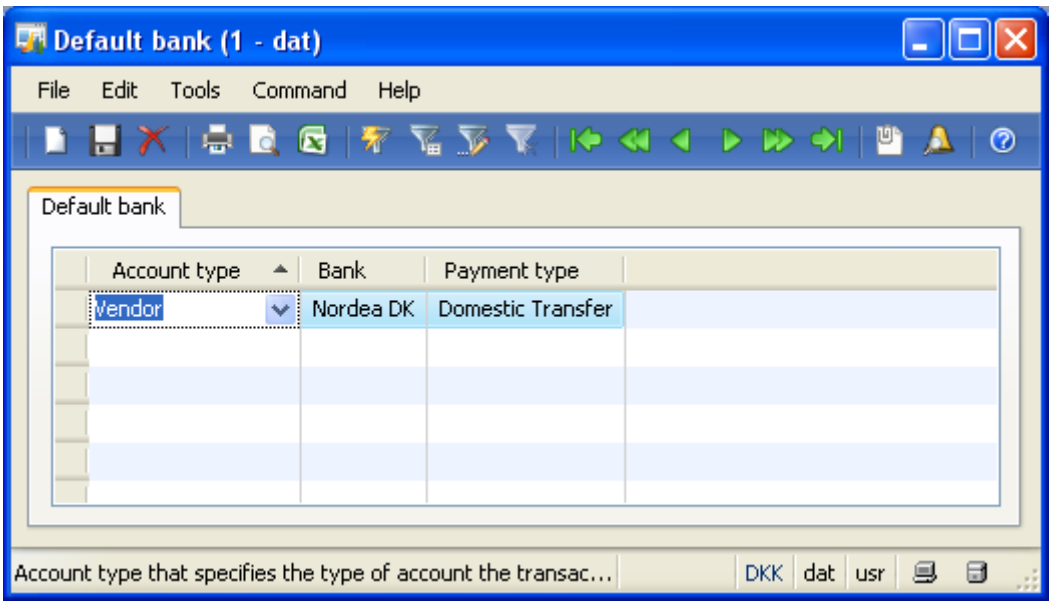
7.4 USE OF AX STANDARD PAYMENT MODES WITH AMC-BANKING

If you need to handle multiple payment types/account number per vendor, it is recommanded to make this adjustment, which gives you the possibility to select a specific payment type (from AMC Banking) at the time when you are posting the vendor invoice in the invoice register journal.

To get anvantage of this functionality, you have to to some additional setup of AMC Banking.

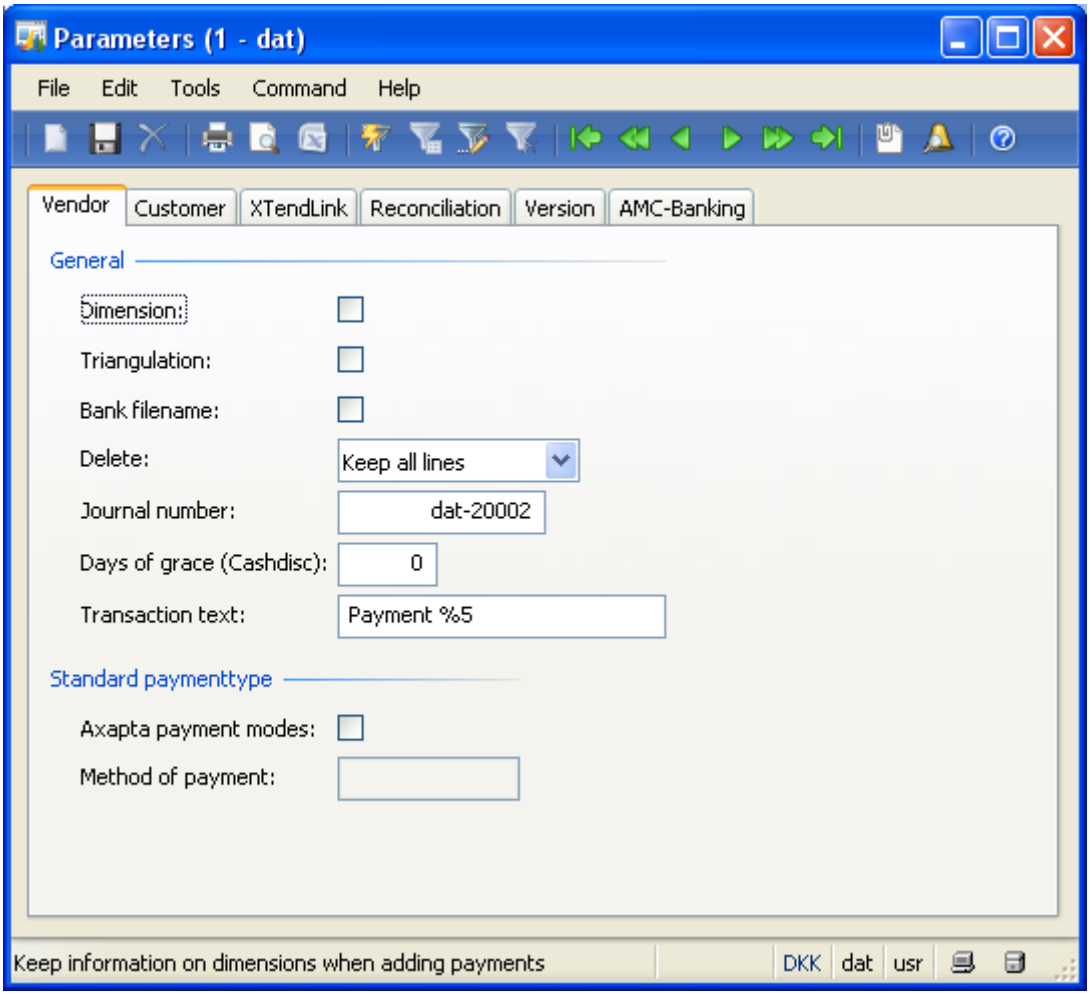
7.4.1 SELECT DEFAULT BANK

Go to AMC-Banking / Setup / Default bank and select the bank you are using for vendor payments.



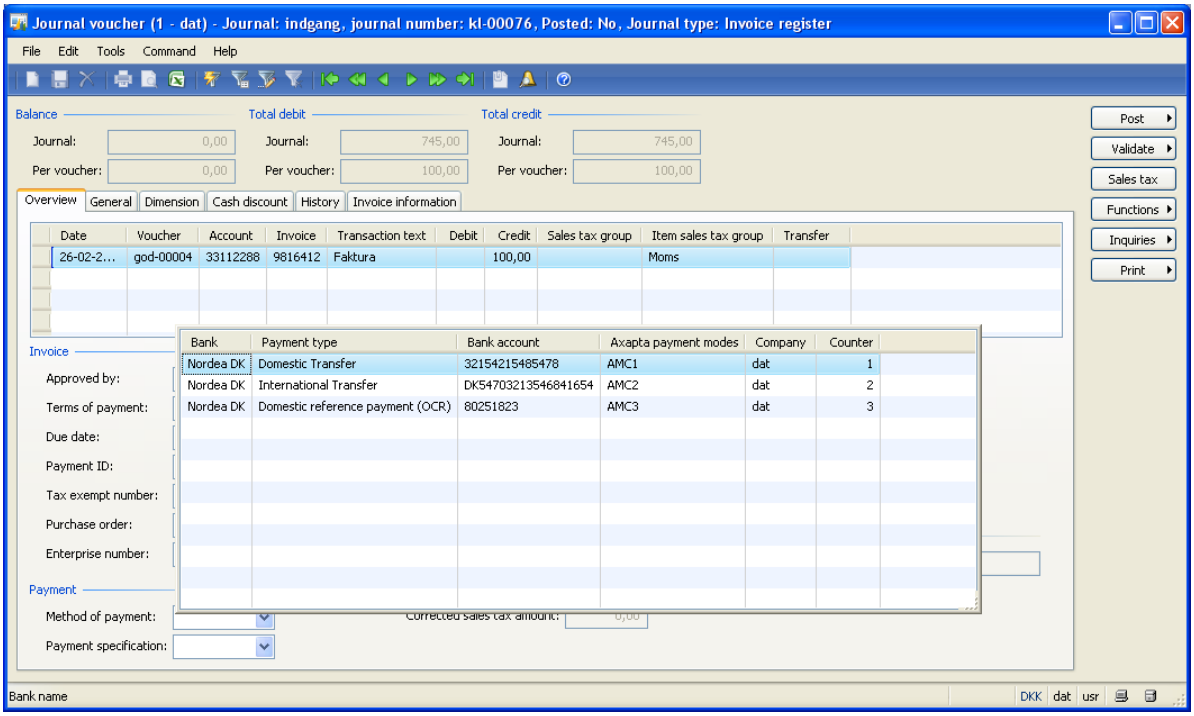
7.4.2 ACTIVATE THE SUPPORT OF STANDARD AX PAYMENT MODES

Go to AMC-Banking / Setup / Parameters. On the tab page ”Vendor” mark the check box ”Axapta payment modes”



7.4.3 ADJUSTMENTS IN THE INVOICE REGISTER JOURNAL

In the following example the required adjustments are shown to make it possible to select a specific AMC payment type for an invoice posted in the invoice register journal.



In order to select between the AMC payment types you have to change the lookup method of the payment mode field.

In AOT open the form LedgerJournalTransInvoiceRegister. Select / Designs / Design / Tab:Tab / TabPage:Payment / Group:Payment / StringEdit: LedgerJournalTrans_PaymMode / Methods /

Right click the metods node and select Overwrite method / Lookup and insert the following code:

```
void lookup()
{
;
   if(AmcBankParameters::find().VendUsePaymModeStandard)
      AmcBankVendTablePaymType::lookupPaymentType(this,ledgerJournalTrans);
   else
   super();
}
```

Close the window and save the changes.